Well Construction Report
WISCONSIN UNIQUE WELL NUMBER WV365

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707

Form 3300-077A

Property Owner: RACHNER, KEN	Phone #: (715)684-9494
Mailing Address: 2422 170TH AVE	
City: EMERALD	State: WI — Zip Code: 54012
County: St. Croix	Co. Permit #:
Notification #: 52744236	Completed: 08-16-2014
Well Constructor (Business Name): AUNE WELL DRILLING INC	Lic. #: 95
Facility ID # (Public Wells):	
Well Plan Approval #:	
Address: 1171 CNTY RD T, HAMMOND WI 54015-4827	Approval Date (mm-dd-yyyy):
Hicap Permanent Well #:	Common Well #:
Specific Capacity: 0.8	

1. Well Location

Town of EMERALD	Fire # (if avail.): 2422
Street Address or Road Name and Number: 2422 170TH AVE	
Subdivision Name:	Lot #: — Block #:
Latitude / Longitude in Decimal Degree (DD): 45.108 °N -92.3175 °W	Method Code: GCD013
SE SW or Govt Lot #:	Section: 3 — Township: 30 N — Range: 16 W

2. Well Type Replacement

of previous unique well #: — constructed in:

Reason for replaced or reconstructed well ?: BT UNSAFE/ECOLI

Construction Type: Drilled

3. Well serves 1 # of

Private,potable

Heat Exchange____# of drillholes

Hicap Well ? No

Hicap Property ? No

Hicap Potable ?

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
15	Surface	49
10	49	250
6	250	260

Upper Enlarged Drillhole / Lower Open Bedrock

- Yes / No — Rotary - Mud Circulation .....
- No / Yes — Rotary - Air .....
- Rotary - Air & Foam .....
- Drill-Through Casing Hammer
- Reverse Rotary
- Cable-tool Bit ____in. dia...
- Dual Rotary .....
- Yes — Temp. Outer Casing 10in. dia
- No — Removed? 49depth ft. (If NO explain on back side)

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
T	S	X	G	SAND, CLAY & GRAVEL BR S	Surface	45
Y	H	L	-	LIMEROCK YELLOW H	45	208
I	M	N	-	SANDROCK WHITE M	208	260

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
10	STL HKK 31.20 PE WELD ASTM A53	Surface	49
6	STL HKK 18.97 PE WELD ASTM A53	0	250
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)

7. Grout or Other Sealing Material

Method PRESS TREMIE

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
NEAT CEMENT (PEA GRAVEL STEP CEMENT GROUT 5 YDS)	Surface	250	296 S

9. Static Water Level

100 ft. below ground surface

10. Pump Test

Pumping level 136 ft. below surface

Pumping at 30 GP for 1 Hrs.

Pumping Method ?

11. Well Is

12 in. above grade

Developed ? Yes

Disinfected ? Yes

Capped ? Yes

12. Notified Owner of need to fill & seal ?

Filled & Sealed Well(s) as needed? Yes

13. Constructor / Supervisory Driller	Lic #	Date Signed
TA		08-18-2014
Drill Rig Operator	**Lic or Reg #**	**Date Signed**
CB		

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
POWTS dispersal component (soil absorption unit or mound)	>	50	Building Overhang	>	30
			Septic or Holding, or POWTS Tank	>	50

Comment: PERMISSION FROM STACY [STEINKE-DNR] TO USE PEA GRAVEL STEP CEMENT GROUT DUE TO SEVERAL LARGE CREVICES IN LIME ROCK. 10" CASING GROUTED IN PLACE INSIDE & OUTSIDE.

Created On: 03-19-2015 Updated On: 07-18-2019 Review Status: